

THE BEE LINE



2B's Newsletter

Volume 7

1985-01-21

A New Year For New Discoveries

2B TAKES A LOOK AT THE BRAIN.

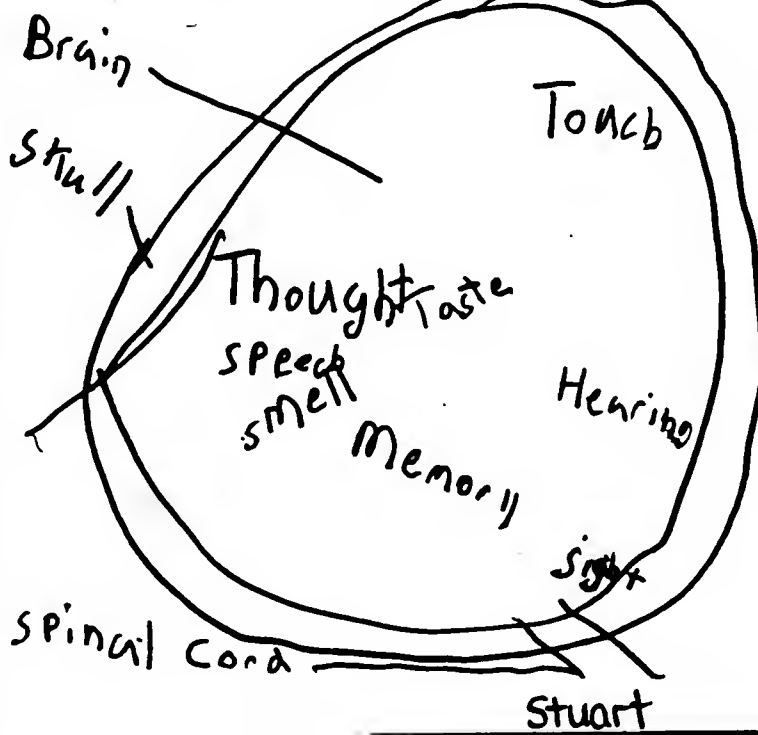
Visit Time

We went to visit a doctor. His name was Dr. Bull. He said that there was a bridge connecting the right side and left side of the brain.

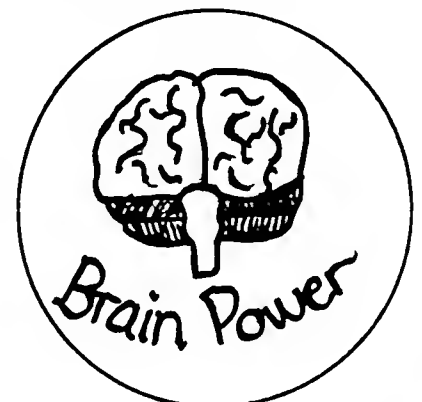
I thought the best part about the brain was epilepsy. That is where one side of the brain is making too much noise and the other side starts to make more noise. The person goes unconscious and sometimes they sort of can't control their body. Doctors cut the bridge.

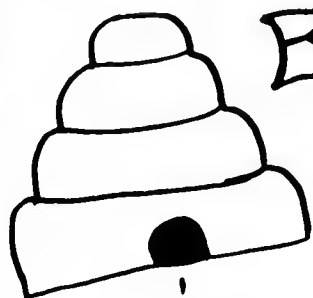
Do you know that you have 10,000,000,000 nerves!

Stuart



In this issue:





Buzz

Words ... 2B INFORMATION.



1985: New Discoveries.

January brings a few changes to grade two - the topics of study change, the homework becomes more demanding and new workbooks (with brand-new shiny covers) are distributed. The boys are raring to go; they look forward to the new assignments.

This term we will continue our study of the human body. We will look at the skeleton and muscles. Last week, we were fortunate to have Dr. Alan Bull, professor of Psychology at John Abbott College, as a visitor to 2B. In two classes, he gave the boys a wealth of information about the brain. This issue of The Beeline includes excerpts from SWISH written after Dr. Bull's visits. 2B is full of brain experts now!

In math class we will continue with addition and subtraction with regrouping. Measurement (centimetres, perimeter, length) will be practiced. Multiplication and division will be introduced. Your son's text introduces these concepts in a unique way: "x" is read as "groups of" so that $3 \times 2 = \square$ is read as 3 "groups of" $2 = \square$. It is easier for the boys to visualize 3 groups of 2 :::: rather than '3 times 2'. If you are helping your son with his homework, please refer to the 'x' sign as 'groups of'. In the same vein, the division sign is read as 'separating into groups of' so that $15 \div 3 = 5$ is read as 15 'separating into groups of' 3 = 5. Grade 2's must master the multiplication and division facts to 10. (It is not necessary to memorize the 11 and 12 x tables). Drill at home each night would be helpful.

The Language Arts program has been expanded to include

center time. 2B's bulletin boards display six centers: The (Family) Crest Center, The Time-Telling Center, Reading Games, The Pet Center, Superfudge Center and the Book-Making Center. At each center file-folder activities, task cards, and hands-on activities invite the boys to explore these topics. As well as providing practice in a different way, center time promotes the development of good work habits.

Beginning in February, the class will move into a new reader. During January, the blue workbook will be sent home each evening as Independent practice. Superfudge and Charlotte's Web will be read as class novels.

Library period remains on Fridays. Any due library books should be brought in Friday mornings.

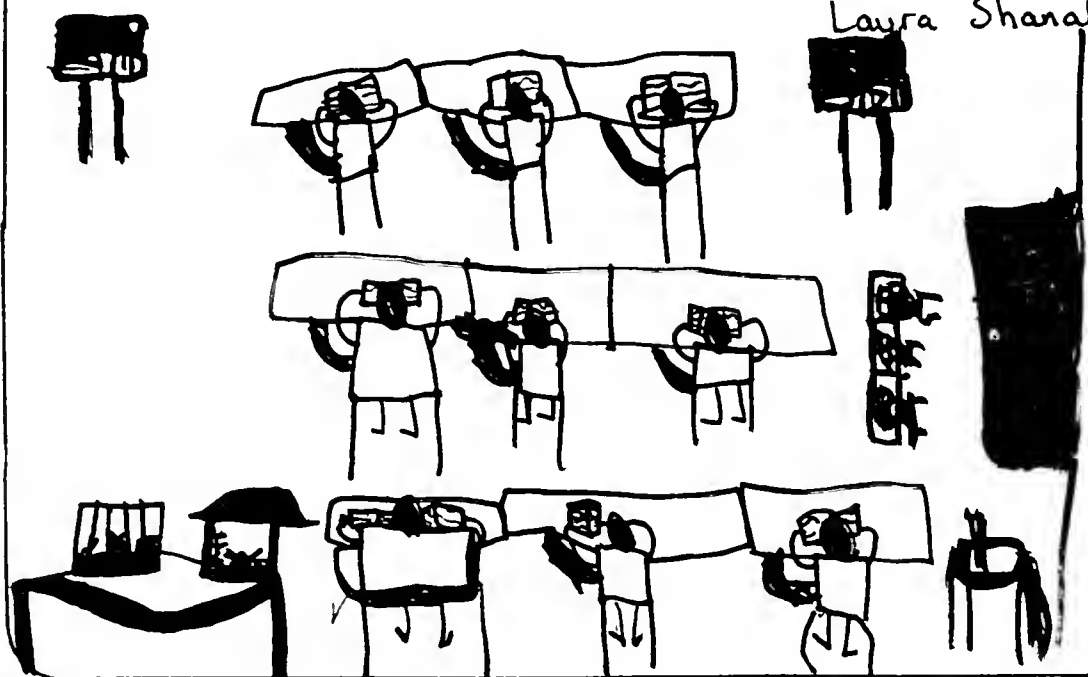
Skating on Fridays will continue until March. Please check your son's laces occasionally to see that they are in good condition. Mitts and helmets are mandatory.

This term promises to be a busy one!

Should you have any questions concerning homework, classwork, your son's progress etc., please call me.

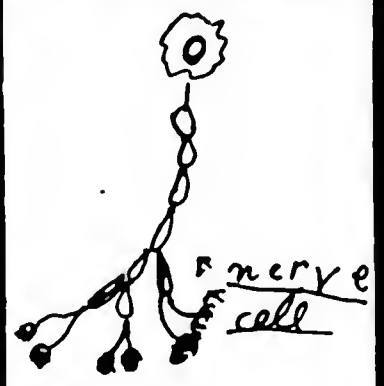
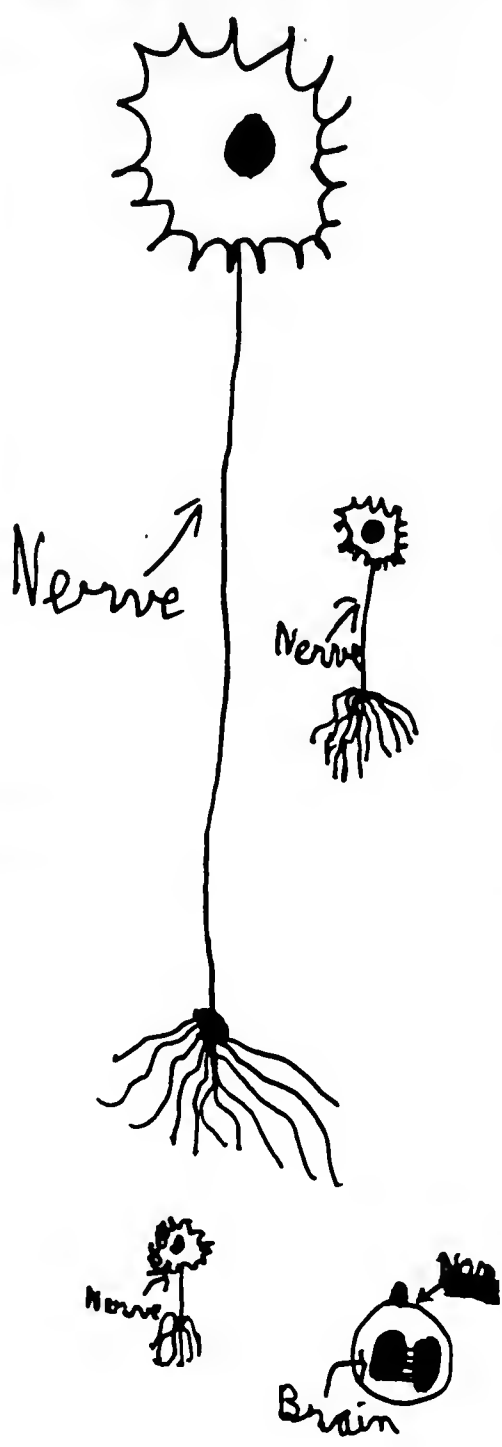
Happy New Year!

Laura Shanahan.

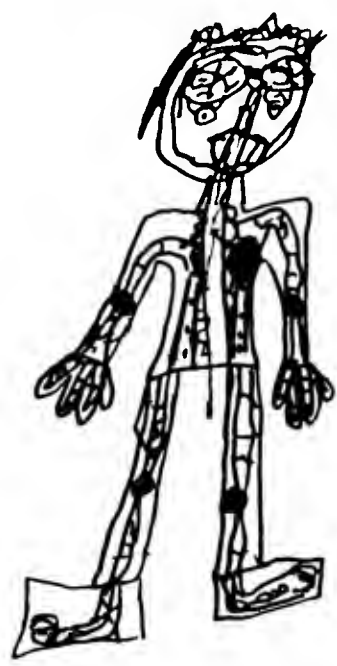


Andrew


Daniel



André



This is picture
OF the
inside of
your Body.

The brain is important. The brain looks like this:  If you get knocked out you might see stars or birds. It might look like that they have faces on them and the birds might be flying right across you if you were knocked out outside. And that is the end.

Daniel

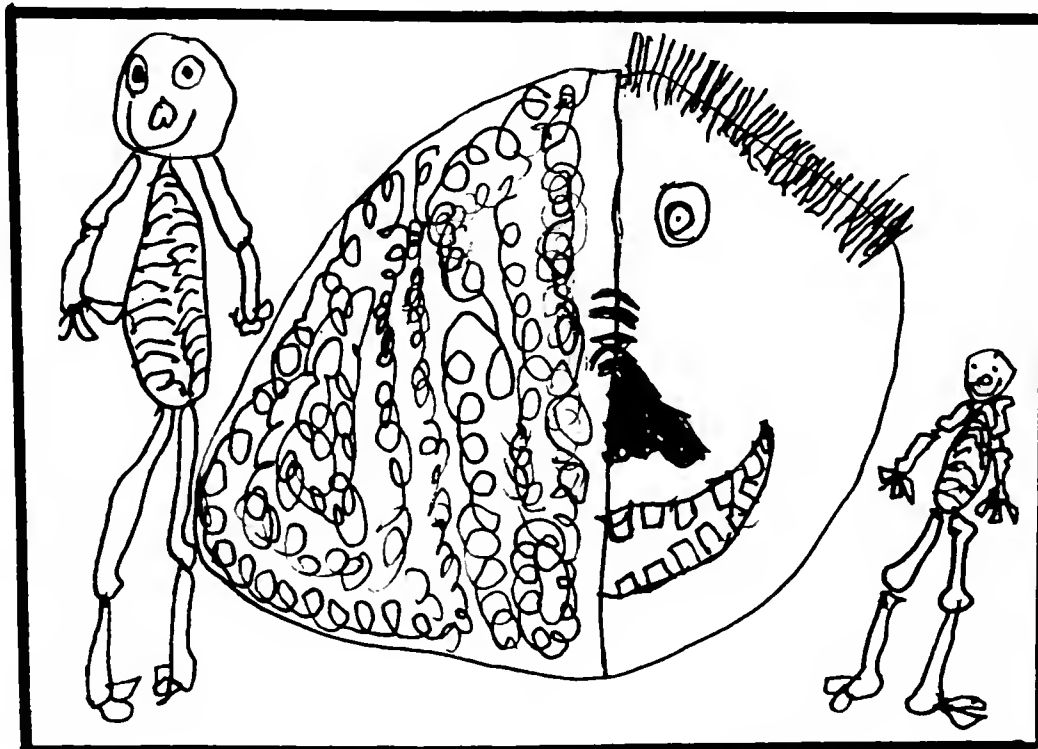
Nerves sending a message
to the brain.



The Visit With The Doc.

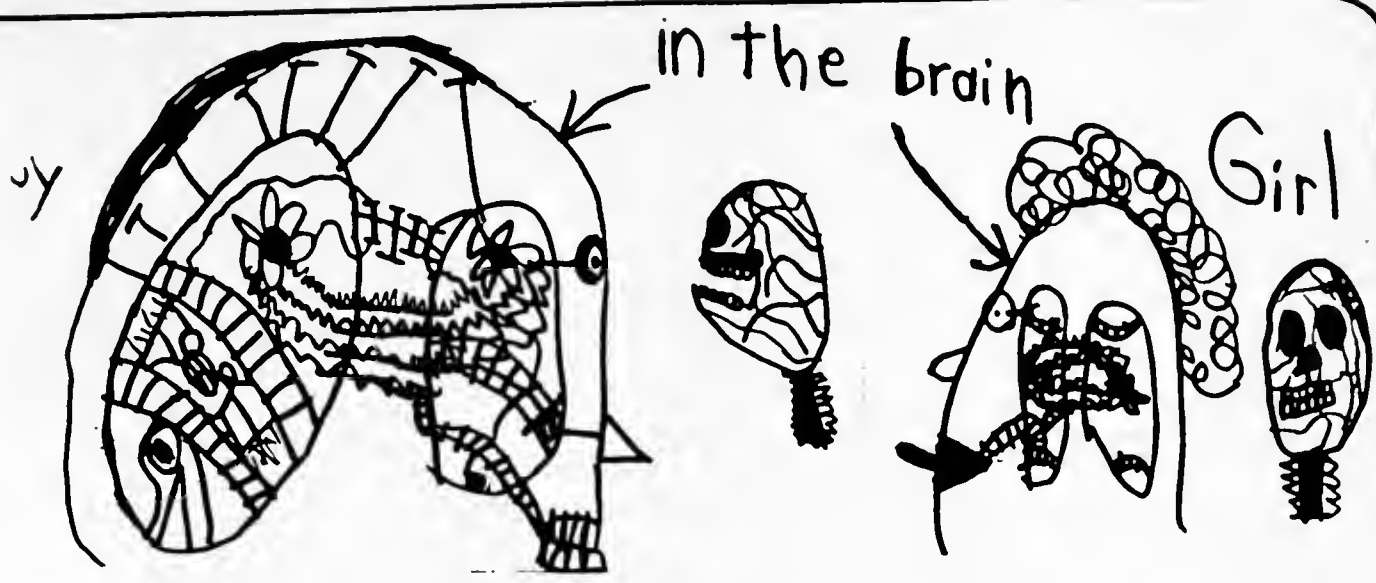
At the visit, Doctor Bull showed us a sheep's brain and it was gross! We played a game and it was so fun. I found out that my nerves travel as fast as one blink. He passed a little boy's skull around the class. He told us that brains see mirages, and that epilepsy is very dangerous for old and young people. I and the rest of the class saw a real spinal cord from an athlete's back. He was a very nice man. He showed me and the class a model spinal cord. A human body has 10,000,000,000 nerves.

David



Mr. Bull asked us to make a circle and Mr. Bull tapped KYLE and then from Kyle on we squeezed hands. And he even had a head and a spine with hip bones. And there are 10000000000 nerves. And he had a sheep's brain.

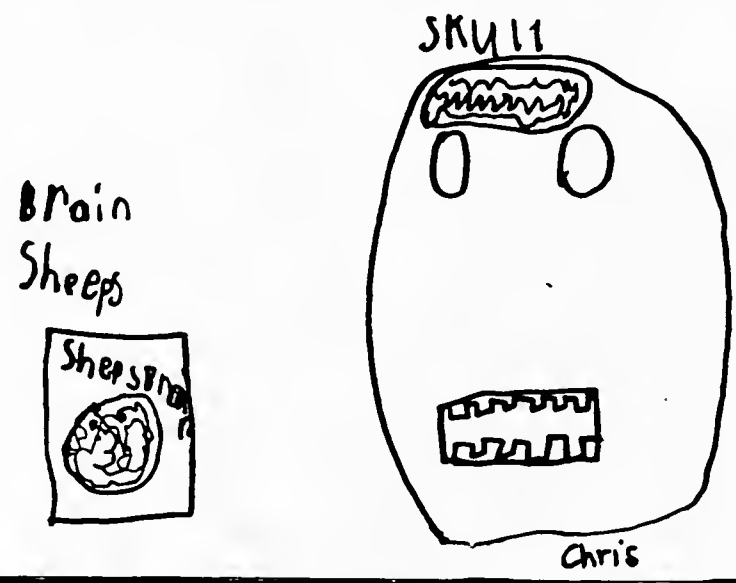
Kyle



Dr. Bull

I liked the answer about the having no arms and legs. He is very nice and polite and you should invite him to your house. How did he become such a good brain instructor? Is the brain more important than the heart?

Andrew



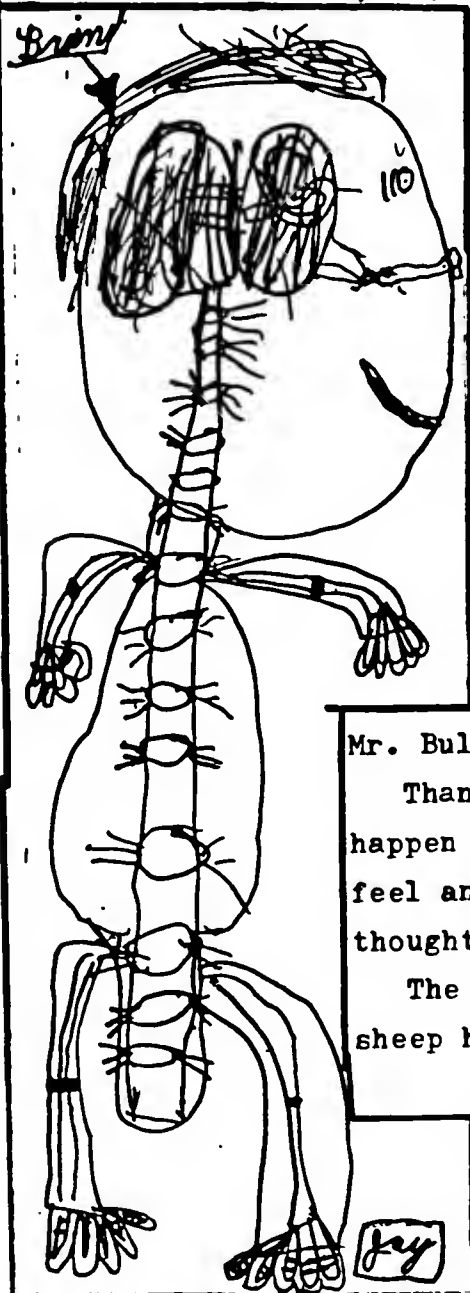
I thought that the sheep brain was pretty weird. The picture was pretty funny. And I have a question. Did the brain have nerves in it? Has anyone had a fake brain? The brain is interesting.

Tadhg

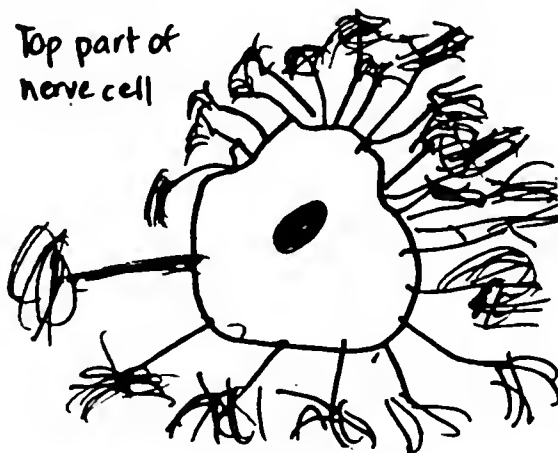
The Brain

Today we were talking to a very nice doctor and his name was Dr. Bull. He showed us a sheep's brain and a kid's brain and they were real brains. We talked about the nerves and I could not believe that the biggest nerve was three feet long. The second day we saw and talked about the spinal cord and saw a real spinal cord and a fake spinal cord. And I could not believe that there were 10,000,000,000 nerves.

Vikas



Top part of
nerve cell



Vikas

Mr. Bull,

Thanks for coming. I hope you come again. What would happen if a person lost all of their nerves? Would they feel anything? If a person had no brain could he think a thought?

The best was the sheep's brain. How many nerves does a sheep have in its head? Why does the brain need oxygen?

Chris.

Dr. Bull told us about the hands and legs not being there. I liked the test he did. And I liked the way of getting diseases. I hope I learn more. It was fun learning about the brain. I liked seeing the sheep brain and the skull too.


Jay

My Visit With Dr. Bull

Mr. Dr. Bull is a nice man. I asked a few questions. I still have one burning question. It is ...What happens when you get a cut and you're running and you know how the blood stream goes fast and blood goes out, would it damage the pores?

Dr. Bull is a nice man. He even showed us the spinal cord.

Damien

One day a man named Dr. Bull came to talk to us about the brain. He showed us a fake brain. This is what it looks like:  Then he showed us a real sheep brain. Then he came back the next day. This time we tried an experiment to see how long it took a nerve to tell the brain that your hand was being squeezed. Eric

Dr. Bull: The Visit

On Tuesday, Dr. Bull talked about the brain. I have a question. What would happen if you played hockey and someone would bang your head with his hockey stick?

When he showed us the spine I thought that it was a real spine until he said it was not. It was very fun with Dr. Bull.

André

Dr. Bull,

How do you get brain damage? Can you die of epilepsy? What happens if you get a brain tumor? How long does it take for your skull to dissolve? How many organs in your body? How many blood vessels?

I liked the skull. The backbone looked real. I enjoyed it.

ANSON.

